



November 15, 2019

Ex Parte

Marlene Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: ET Docket No. 16-56, ET Docket No. 14-165, GN Docket No. 14-166, GN Docket No. 12-268, GN Docket No. 16-142, MB Docket No. 15-146, MB Docket No. 16-306, RM-11745, WC Docket No. 19-195, WC Docket No. 11-10, ET Docket No. 18-295

Dear Ms. Dortch:

On November 13, Brad Smith, President and Chief Legal Officer of Microsoft Corporation; Carole Ann Browne, Senior Director, External Affairs; Paul Garnett, Senior Director, Airband; Shelley McKinley, Vice President, Technology and Corporate Responsibility; John Kahan, Chief Data Analytics Officer; Allen Kim, Senior Program Manager, Data Analytics; and Paula Boyd, Senior Director, Government and Regulatory Affairs, spoke with Chairman Ajit Pai and Aaron Goldberger, Chairman Pai's Legal Advisor, by telephone. They discussed White Spaces technologies, broadband mapping, and the 6 GHz band. Mr. Smith thanked Chairman Pai for advancing FCC policy in each of these important areas.

White Spaces. Mr. Smith requested that the Commission move forward to adopt a Notice of Proposed Rulemaking on the improvements to the FCC's White Spaces rules discussed in Microsoft's May 2019 Petition for Rulemaking. He noted that adopting these proposals would expand rural broadband access, facilitate connected school buses and agricultural vehicles, and support internet of things technologies, among many other applications.

Broadband Mapping. Mr. Smith suggested that, during the implementation period for the FCC's new broadband mapping data collection methodology, the Commission add the improved instructions from the new methodology to the existing Form 477 instructions. Microsoft suggested that the Commission sunset Form 477 for the collection of broadband availability data once the new data collection approach is successfully in place. Mr. Smith also noted that the Commission's broadband mapping work presents an opportunity for the Commission to explore and adopt best practices with respect to data analytics including leveraging any additional data necessary to validate its broadband availability data.

6 GHz Band. Mr. Smith requested that the Commission open the full 6 GHz band to unlicensed low-power indoor operations. This would bring next-generation wireless technologies to American consumers and would align U.S. policies with other regions opening the band for unlicensed technologies. Microsoft also strongly urged the FCC to actively oppose efforts by other countries at the World Radiocommunications Conference to delay progress on the band through an ITU IMT study of any portion of the 6 GHz band.

Pursuant to the FCC's rules, I have filed a copy of this notice electronically in the above-referenced dockets. If you require any additional information, please contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul Margie", written over a light gray horizontal line.

Paul Margie
Counsel to Microsoft Corporation

cc: Meeting participants